01-26-09

PTO/SB/21 (11-08) Approved for use through 12/31/2008. OMB 0651-0631

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE vork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 09/687,575-Conf. #9336 Filing Date TRANSMITTAL October 13, 2000 First Named Inventor **FORM** Rima KADDURAH-DAOUK Art Unit 1625 **Examiner Name** N. Rahmani (to be used for all correspondence after initial filing) Attorney Docket Number Total Number of Pages in This Submission AVZ-007CP3RCE ENCLOSURES (Check all that apply) After Allowance Communication X Fee Transmittal Form Drawing(s) Appeal Communication to Board Fee Attached Licensing-related Papers of Appeals and Interferences Appeal Communication to TC Amendment/Reply Petition (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final **Proprietary Information** Provisional Application Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address Other Enclosure(s) (please **Extension of Time Request** Terminal Disclaimer Identify below): Return Receipt Postcard **Express Abandonment Request** Request for Refund PTO form SB/08 Copies of Five (5) References Information Disclosure Statement CD, Number of CD(s) Certified Copy of Priority Landscape Table on CD Document(s) Reply to Missing Parts/ Remarks Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name LAHIVE & COCKFIELD, LLP Signature Printed name Meaghan .. Richmond Ph.D.

<del></del>		
Express Mail Label No. EM 192977509 US	Dated: January 23, 2009	

Reg. No.

61,402

Date

January 23, 2009

PTO/SB/17 (10-08)

Approved for use through 06/30/2010. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Inder the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number

Effective on 12/08/2004. FEE TRANSMITTAL FOR FY 2009  X Applicant claims small entity status. See 37 CFR 1.27  TOTAL AMOUNT OF PAYMENT (s) 180.00 Attomey Docket No. AVZ-007CP3RCE  METHOD OF PAYMENT (check all that apply)  Check Credit Card Money Order None Other (please identify):  X Charge fee(s) indicated below Charge fee(s) indicated below X Charge fee(s) indicated below X Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17  FEE CALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES Utility 330 165 540 270 220 110 Design 220 110 100 50 140 70 Plant 220 110 330 165 540 270 650 325 Provisional 220 110 0 0 0 0 0  2. EXCESS CLAIM FEES Fee (\$) Fee (	. Junder the Pape	onwork Raduction Act of 100	E na noman aro mauirad	U.S. Pate	ent and Traden	nark Office; U.S. D	IN 06/30/2010. ( DEPARTMENT O	F COMM
FILING FEE CALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING, SEARCH, AND EXAMINATION FEES Small Entity  Application Type Fee (s) Fee	AP Onder the Pape			to respond to a collec				control n
FILING FEE CALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING, SEARCH, AND EXAMINATION FEES Small Entity  Application Type Fee (s) Fee	Fees oursuant to the			Application No.				
For FY 2009    X   Applicant claims small entity status. See 37 CFR 1.27   Art Unit   1625     TOTAL AMOUNT OF PAYMENT   (\$) 180.00   Attorney Docket No.   AVZ-007CP3RCE    METHOD OF PAYMENT (check all that apply)			· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		-
Examiner Name   N. Rahmani								IK
Art Unit 1625  TOTAL AMOUNT OF PAYMENT (\$) 180.00 Attorney Docket No. AVZ-007CP3RCE  METHOD OF PAYMENT (check all that apply)  Check Credit Card Money Order None Other (please identify):  X Deposit Account Deposit Account Number: 12-0080 Deposit Account Name: Lahive & Cockfield, LLP  For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  X Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing that apply (check) and 1.17  FEE CALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES  FILING FEES  Small Entity Application Type Fee (\$) Fee		For FY 2009	9				JI WILLIAM	<u> </u>
TOTAL AMOUNT OF PAYMENT   (\$) 180.00   Attorney Docket No.   AVZ-007CP3RCE	X Applicant of	daims small entity status.	See 37 CFR 1.27					
Check Credit Card Money Order None Other (please identify):    X   Deposit Account   Deposit Account Number:   12-0080   Deposit Account Name: Lahive & Cockfield, LLP	TOTAL AMOUNT	OF PAYMENT	(\$) 180.00		et No.	AVZ-007CP3	RCE	
X   Deposit Account   Deposit Account Number:   12-0080   Deposit Account Name:   Lahive & Cockfield, LLP	METHOD OF F	PAYMENT (check all t	hat apply)					
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)    X   Charge fee(s) indicated below	Check	Credit Card N	Aoney Order N	one Other	(please identi	fy):		
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)    X   Charge fee(s) indicated below	X Deposit Acco	Unt Deposit Account Numb	per: 12-0080	Depos	it Account Nam	e: Lahive	& Cockfield	. LLP
Charge fee(s) indicated below   Charge fee(s) indicated below, except for the filin   X   Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17   X   Credit any overpayments   X   Credi				is hereby authoriz	zed to: (che	ck all that apply		
The control of the co				<u> </u>			-	e filinc
Tell Claims				,			•	
1. BASIC FILING, SEARCH, AND EXAMINATION FEES   FILING FEES   Small Entity   Fee (\$)	`		and 1.17					
FILING FEES   Small Entity   Fee (\$)   Fee (	<del></del>		MINATION FEES	· · · · · · · · · · · · · · · · · · ·				
Application Type	1. BASIC FILING	•		FARCH FEES	FXAMI	VATION FEES	S	
Utility       330       165       540       270       220       110         Design       220       110       100       50       140       70         Plant       220       110       330       165       170       85         Reissue       330       165       540       270       650       325         Provisional       220       110       0       0       0       0         2. EXCESS CLAIM FEES       Fee Description         Each claim over 20 (including Reissues)       Fee (\$)       Fee (\$)       Fee (\$)       Fee (\$)       Fee (\$)       Fee (\$)       Multiple Dependent Claims         Multiple Dependent Claims       Fee (\$)       Fee Paid (\$)         HP = highest number of total claims paid for, if greater than 20.       Indep. Claims       Extra Claims       Fee (\$)       Fee Paid (\$)         Indep. Claims       Extra Claims       Fee (\$)       Fee Paid (\$)			Small Entity	Small Entity	!	<b>Small Entity</b>		
Design   220   110   100   50   140   70     Plant   220   110   330   165   170   85     Reissue   330   165   540   270   650   325     Provisional   220   110   0   0   0   0     2. EXCESS CLAIM FEES   Small     Fee Description   Fee (\$)   Fee     Each claim over 20 (including Reissues)   52     Each independent claims   Extra Claims   Fee (\$)   Fee Paid (\$)     Total Claims   Extra Claims   Fee (\$)   Fee Paid (\$)     HP = highest number of total claims paid for, if greater than 20.     Indep. Claims   Extra Claims   Fee (\$)   Fee Paid (\$)     - or HP =							Fees P	aid (\$)
Plant         220         110         330         165         170         85           Reissue         330         165         540         270         650         325           Provisional         220         110         0         0         0           2. EXCESS CLAIM FEES         Small I           Fee Description         Fee (\$)         Multiple Dependent Claims           Multiple Dependent Claims         Fee (\$)         Fee (\$) <td< td=""><td>1 -</td><td></td><td>165 540</td><td>270</td><td>220</td><td>110</td><td></td><td></td></td<>	1 -		165 540	270	220	110		
Reissue       330       165       540       270       650       325         Provisional       220       110       0       0       0         2. EXCESS CLAIM FEES       Small I         Fee Description       Fee (\$)       Fee         Each claim over 20 (including Reissues)       52         Each independent claims over 3 (including Reissues)       220       1         Multiple dependent claims       390       1         Total Claims       Extra Claims       Fee (\$)       Multiple Dependent Claims         Fee (\$)       Fee Paid (\$)       Fee (\$)       Fee Paid (\$)         HP = highest number of total claims paid for, if greater than 20.       Fee Paid (\$)       Fee Paid (\$)         Indep. Claims       Extra Claims       Fee (\$)       Fee Paid (\$)	Design	220	110 100	50	140	70		
Provisional         220         110         0         0         0           2. EXCESS CLAIM FEES         Small Fee (\$)         Fee (\$)         Fee (\$)           Fee Description         52         Fee (\$)         Fee (\$)           Each claim over 20 (including Reissues)         220         1           Multiple dependent claims         390         1           Total Claims         Extra Claims         Fee (\$)         Fee Paid (\$)           HP = highest number of total claims paid for, if greater than 20.         Fee Paid (\$)         Fee Paid (\$)           Indep. Claims         Extra Claims         Fee (\$)         Fee Paid (\$)	Plant	220	110 330	165	170	85		
2. EXCESS CLAIM FEES  Fee Description  Each claim over 20 (including Reissues)  Each independent claim over 3 (including Reissues)  Multiple dependent claims  Total Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)	Reissue	330	165 540	270	650	325		
Fee Description  Each claim over 20 (including Reissues)  Each independent claim over 3 (including Reissues)  Multiple dependent claims  Total Claims  Extra Claims Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)	Provisional	220	110	0	0	0		
Each claim over 20 (including Reissues)  Each independent claim over 3 (including Reissues)  Multiple dependent claims  Total Claims  - or HP =	2. EXCESS CLAI	M FEES					3	Small E
Each independent claim over 3 (including Reissues)  Multiple dependent claims  Total Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)							<u>Fee (\$)</u>	Fee (
Multiple dependent claims  Total Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  Multiple Dependent Claims  Fee (\$)  Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)	1	, -					52	2
Total Claims	1	·	g Reissues)				220	1 1
- or HP = x = Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)  - or HP = x = x =	Multiple depende	nt claims					390	19
HP = highest number of total claims paid for, if greater than 20.  Indep. Claims	<u>Total Claims</u>	Extra Claims	Fee (\$)	Fee Paid (\$)	<u>N</u>	fultiple Depen	dent Claims	
Indep. Claims					Fe	ee (\$)	Fee Paid (\$)	ì
- or HP = x =	•							_
			Fee (\$)	Fee Paid (\$)				
			for if propter than 2					
			ior, ii greater than 3.					
3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer	3. APPLICATION	SIZE FEE		r (avaluding alast	ronicelly £	lad naguanas =:		
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer	3. APPLICATION If the specification	SIZE FEE on and drawings exceed	d 100 sheets of pape	r (excluding elect	ronically fi	led sequence or	r computer	
	3. APPLICATION  If the specification listings under	SIZE FEE on and drawings exceed r 37 CFR 1.52(e)), the a	d 100 sheets of pape	lue is \$270 (\$135	for small e	led sequence on tity) for each a	r computer additional 50	
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).	3. APPLICATION  If the specification listings under sheets or frac	SIZE FEE on and drawings exceed r 37 CFR 1.52(e)), the a tion thereof. See 35 U.	d 100 sheets of pape application size fee d .S.C. 41(a)(1)(G) and	lue is \$270 (\$135 d 37 CFR 1.16(s)	for small e	ntity) for each	additional 50	
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).	3. APPLICATION If the specificati listings under sheets or frac Total Sheets	SIZE FEE on and drawings exceed r 37 CFR 1.52(e)), the a tion thereof. See 35 U. <u>Extra Sheets</u>	d 100 sheets of pape application size fee d .S.C. 41(a)(1)(G) and Number of each	lue is \$270 (\$135 d 37 CFR 1.16(s) additional 50 or fra	for small e action thereo	ntity) for each :	additional 50	
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  - 100 = /50 = (round up to a whole number) x =	3. APPLICATION If the specificati listings under sheets or frac Total Sheets	SIZE FEE on and drawings exceed r 37 CFR 1.52(e)), the a tion thereof. See 35 U. <u>Extra Sheets</u> - 100 =	d 100 sheets of pape application size fee d .S.C. 41(a)(1)(G) and Number of each	lue is \$270 (\$135 d 37 CFR 1.16(s) additional 50 or fra	for small e action thereo	ntity) for each :	additional 50 Fee P	'aid (\$)
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  (round up to a whole number) x  Extra Sheets  (round up to a whole number) x	3. APPLICATION If the specificati listings under sheets or frac Total Sheets  4. OTHER FEE(S)	SIZE FEE on and drawings exceed r 37 CFR 1.52(e)), the a tion thereof. See 35 U.  Extra Sheets - 100 =	d 100 sheets of pape application size fee d .S.C. 41(a)(1)(G) and Number of each /50 =	lue is \$270 (\$135 d 37 CFR 1.16(s) additional 50 or fra (round up to a wh	for small e action thereo	ntity) for each :	additional 50 Fee P	'aid (\$)
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets	3. APPLICATION If the specificating under sheets or fraction of the sheets  Total Sheets  4. OTHER FEE(S) Non-English S	size fee on and drawings exceed on 37 CFR 1.52(e)), the a stion thereof. See 35 U.  Extra Sheets - 100 =	d 100 sheets of pape application size fee described. S.C. 41(a)(1)(G) and Number of each 450 =	lue is \$270 (\$135 d 37 CFR 1.16(s) additional 50 or fra (round up to a wh	for small e action therection only not number)	ntity) for each : of <u>Fee (\$)</u> ×	additional 50 Fee P  Fees I	aid (\$)
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  (round up to a whole number) x  Extra Sheets  Total Sheets  100 =	3. APPLICATION If the specificating under sheets or fraction and the sheets  Total Sheets 4. OTHER FEE(S) Non-English S Other (e.g., lat	size fee on and drawings exceed on 37 CFR 1.52(e)), the a stion thereof. See 35 U.  Extra Sheets - 100 =	d 100 sheets of pape application size fee described. S.C. 41(a)(1)(G) and Number of each 450 =	lue is \$270 (\$135 d 37 CFR 1.16(s) additional 50 or fra (round up to a wh	for small e action therection only not number)	ntity) for each : of <u>Fee (\$)</u> ×	additional 50 Fee P  Fees I	aid (\$)
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets	3. APPLICATION If the specificating under sheets or fraction of the sheets of the sheets of the sheets  4. OTHER FEE(S) Non-English S Other (e.g., lat	size fee on and drawings exceed on 37 CFR 1.52(e)), the a stion thereof. See 35 U.  Extra Sheets - 100 =	d 100 sheets of pape application size fee described. S.C. 41(a)(1)(G) and Number of each 1/50 = 1/50 (no small entity disconding to the state of the small entity disconding to the small entity disconding the small entity disconding to the small ent	lue is \$270 (\$135 d 37 CFR 1.16(s)  additional 50 or fra (round up to a wheel)  count)  an Information [	for small e	ntity) for each and see (\$)  x  Statement	edditional 50  Fee P  Fees I  180	Paid (\$)
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  (round up to a whole number) x   4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement  180.00	3. APPLICATION If the specificating under sheets or fraction of the specification of the sheets of the sheets of the sheets.  4. OTHER FEE(S) Non-English S Other (e.g., lates of the specific of the sheets of the	size fee on and drawings exceed 37 CFR 1.52(e)), the action thereof. See 35 U.  Extra Sheets - 100 =	d 100 sheets of pape application size fee described. S.C. 41(a)(1)(G) and Number of each 1/50 = 1/506 Submission of 1/506 Subm	lue is \$270 (\$135 d 37 CFR 1.16(s) additional 50 or fra (round up to a who count) an Information [	for small e	ntity) for each and see (\$)  x  Statement	edditional 50  Fee P  Fees I  180	Paid (\$) Paid (\$)